

part 1

python -m
django --
version

You can tell Django is installed and which version

django-
admin
startproject
mysite

Creating a project

python
manage.py
startapp
polls

Creating the Polls app

url()
argument:
regex

Note that these regular expressions do not search GET and POST parameters, or the domain name. For example, in a request to <https://www.example.com/myapp/>, the URLconf will look for myapp/. In a request to <https://www.example.com/myapp/?page=3>, the URLconf will also look for myapp/.

part 2

python
manage.py
migrate

looks at the INSTALLED_APPS setting and creates any necessary database tables according to the database settings in your mysite/settings.py file and the database migrations shipped with the app (we'll cover those later). You'll see a message for each migration it applies.

python
manage.py
makemigrations
polls

you're telling Django that you've made some changes to your models (in this case, you've made new ones) and that you'd like the changes to be stored as a migration.

python
manage.py
sqlmigrate polls
0001

The sqlmigrate command takes migration names and returns their SQL:

python
manage.py
check

this checks for any problems in your project without making migrations or touching the database.

part 3

?P<pk>

is a Python extension to the standard regex syntax. It means assign the results of this group (bounded by parens) to the variable name inside. In this case, assign the regex result to pk.<https://teamtreehouse.com/community/help-me-understand-ppk>

The
template
system

The template system uses dot-lookup syntax to access variable attributes.



part 4

forloop.counter	indicates how many times the for tag has gone through its loop
except (KeyError, Choice.DoesNotExist)	https://stackoverflow.com/a/18785197/6740377
HttpResponseRedirect	takes a single argument: the URL to which the user will be redirected# Always return an HttpResponseRedirect after successfully dealing # with POST data. This prevents data from being posted twice if a # user hits the Back button.

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